



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 199228**

**TO: Shailendra Kumar**  
**Location: REM-5C03/5C18**  
**Art Unit: 1621**  
**Friday, August 25, 2006**  
**Case Serial Number: 10/522077**

**From: Usha Shrestha**  
**Location: Biotech-Chem Library**  
**REM-1A64**  
**Phone: (571)272-3519**

**Usha.shrestha@uspto.gov**

### **Search Notes**

Examiner Kumar,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Usha Shrestha  
Technical Information Specialist  
STIC Biotech/Chem Library  
(571)272-3519

8-999

199228

Access DB# \_\_\_\_\_

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: S. Kumar Examiner #: 695-94 Date: 8/22/06  
 Art Unit: 1621 Phone Number: 301-20640 Serial Number: 101522677  
 Mail Box and Bldg/Room Location: REM 5C03 Results Format Preferred (circle): PAPER DISK E-MAIL  
5C18

If more than one search is submitted, please prioritize searches in order of need.

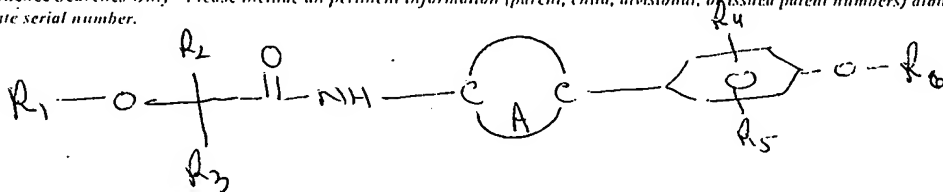
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: N-bisaryl- and n-aryl cycloalkylidenyl - alpha-hydroxy-  
 Inventors (please provide full names): Clemens Lamberth et al.

Earliest Priority Filing Date: 7/24/02

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub>, R<sub>5</sub> are H, alkyl, ~~alkenyl~~, alkynyl, etc.  
 R<sub>6</sub> is propargyl  
 A is 1,2-cyclohexylidene or 1,2-cyclopropylidene

Also see claims 10 + 11 + 12 for process

## STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: UAC

NA Sequence (#)

STN 348-15

Searcher Phone #:

AA Sequence (#)

Dialog

Searcher Location:

Structure (#)

Questel/Orbit

Date Searcher Picked Up 8/24/06

Bibliographic

Dr. Link

Date Completed: 8/25/06

Litigation

Lexis/Nexis

Searcher Prep. Review Time: 60

Fulltext

Sequence Systems

Clerical Prep. Time: 30

Patent Family

WWW/Internet

Online Time 120

Other

Other (specify)

=> fil reg

FILE 'REGISTRY' ENTERED AT 10:02:01 ON 25 AUG 2006

=> d his

FILE 'HCAPLUS' ENTERED AT 08:04:31 ON 25 AUG 2006

L1 1 S US20050245607/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 08:04:45 ON 25 AUG 2006

L2 75 S E1-E75

FILE 'REGISTRY' ENTERED AT 08:18:47 ON 25 AUG 2006

L3 STR  
L4 0 S L3  
L5 STR L3  
L6 1 S L5  
L7 STR  
L8 STR  
L9 3 S L7 AND L8  
L10 STR L7  
L11 STR L7  
L12 3 S L10 AND L11 AND L8  
L13 2 S L12 AND L2  
L14 35 S L10 AND L11 AND L8 FUL  
L15 24 S L14 AND L2  
SAV L14 KUM077/A

FILE 'HCAPLUS' ENTERED AT 09:56:08 ON 25 AUG 2006

L16 3 S L14

FILE 'CASREACT' ENTERED AT 09:58:48 ON 25 AUG 2006

L17 STR L3  
L18 0 S L17 SAM  
L19 0 S L17 FUL

=> d que l16

L8 STR

O~C~C~O  
1 2 3 4

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L10 STR

N~Cb~Cb~O  
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RING(S) ARE ISOLATED OR EMBEDDED  
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STEREO ATTRIBUTES: NONE  
L11 STR

CH2-C $\equiv$ C  
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STEREO ATTRIBUTES: NONE  
L14 35 SEA FILE=REGISTRY SSS FUL L10 AND L11 AND L8  
L16 3 SEA FILE=HCAPLUS ABB=ON L14

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FILE 'HCAPLUS' ENTERED AT 10:02:25 ON 25 AUG 2006

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L16 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:101121 HCAPLUS  
DOCUMENT NUMBER: 140:163585  
TITLE: Preparation of N-bisaryl- and  
N-aryl-cycloalkylidenyl-alpha-hydroxy- and  
alpha-alkoxy acid amides as fungicides  
INVENTOR(S): Lamberth, Clemens; Zeller, Martin; Goegh,  
Tibor  
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.  
SOURCE: PCT Int. Appl., 70 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004011417	A1	20040205	WO 2003-EP8057	2003 0723

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,  
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,

SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
 UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,  
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 GQ, GW, ML, MR, NE, SN, TD, TG

CA 2493975 AA 20040205 CA 2003-2493975

2003  
 0723

AU 2003251456 A1 20040216 AU 2003-251456

2003  
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EP 1534664 A1 20050601 EP 2003-771074

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BR 2003012872 A 20050614 BR 2003-12872

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CN 1671651 A 20050921 CN 2003-817601

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JP 2005533854 T2 20051110 JP 2004-523767

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US 2005245607 A1 20051103 US 2005-522077

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PRIORITY APPLN. INFO.:

GB 2002-17211

A

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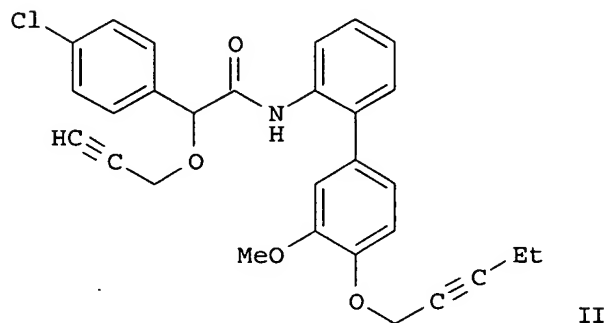
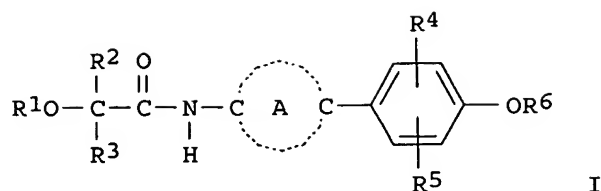
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OTHER SOURCE(S):  
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MARPAT 140:163585



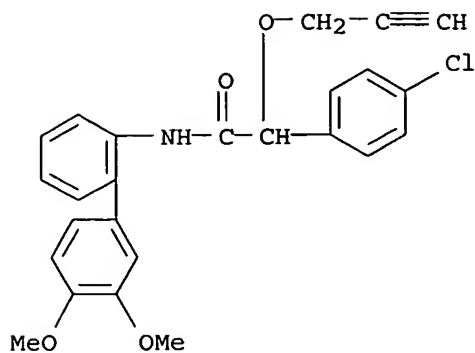
AB The title compds. [I; R1 = H, alkyl, alkenyl, alkynyl, haloalkyl; R2 = H, (un)substituted alkyl, alkenyl, alkynyl; R3 = (un)substituted (hetero)aryl; A = (un)substituted (un)saturated cycloalkylidene, phenylidene or (un)saturated heterocyclylidene bridge; R4, R5 = H, an organic radical; R6 = H, trialkylsilyl, dialkylphenylsilyl, alkyldiphenylsilyl, triphenylsilyl, (un)substituted alkyl, alkenyl or alkynyl], were prepared E.g., a multi-step synthesis of II (starting from 4-bromoguaiacol), was given. The compds. I possess plant-protecting properties and are suitable for protecting plants against infestation by phytopathogenic microorganism, especially fungi. E.g., some of them inhibited fungal infestation to at least 80% in three different tests.

IT 602280-76-2P 602280-77-3P 655222-80-3P  
 655222-81-4P 655222-82-5P 655223-00-0P  
 655223-03-3P 655223-06-6P 655223-12-4P  
 655223-13-5P 655223-14-6P 655223-15-7P  
 655223-16-8P 655223-17-9P 655223-18-0P  
 655223-19-1P 655223-20-4P 655223-21-5P  
 655223-22-6P 655223-23-7P 655223-24-8P  
 655223-25-9P 655223-26-0P

(preparation of N-aryl- $\alpha$ -hydroxy(or alkoxy) phenylacetamides as fungicides)

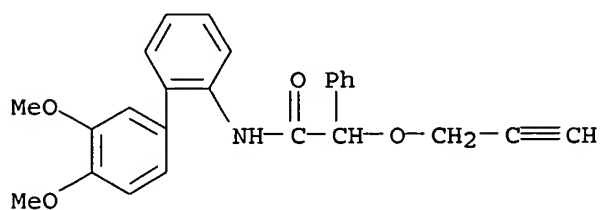
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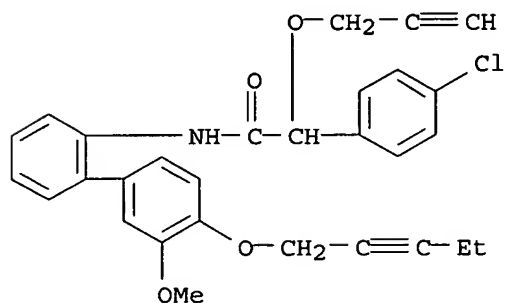
RN 602280-77-3 HCAPLUS

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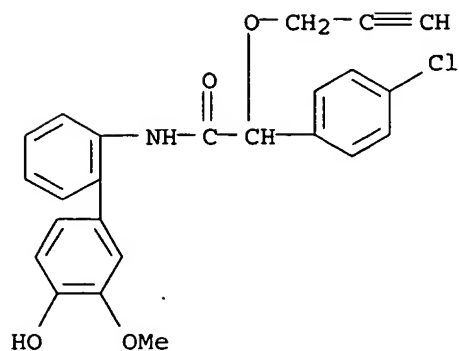
RN 655222-80-3 HCAPLUS

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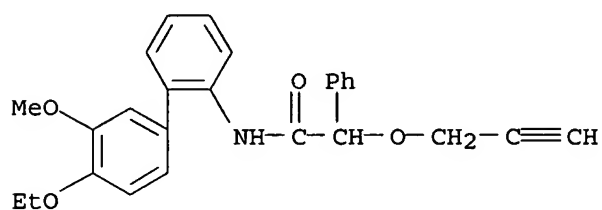
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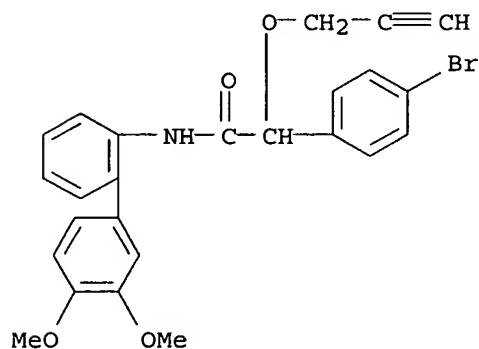
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RN 655223-00-0 HCAPLUS

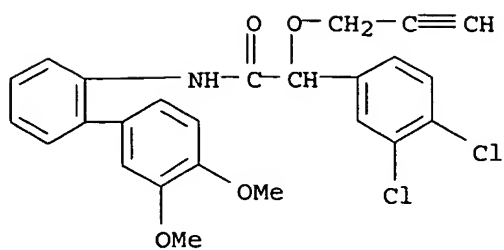
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RN 655223-03-3 HCAPLUS

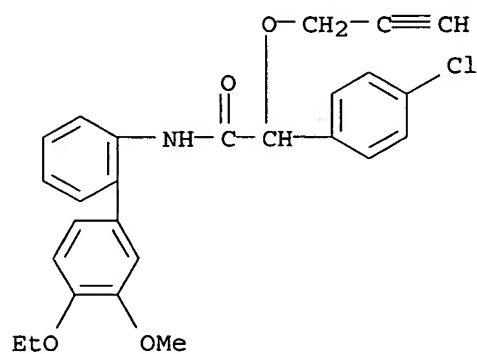
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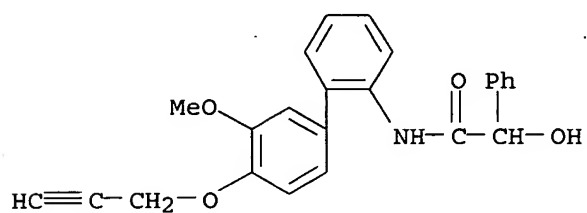
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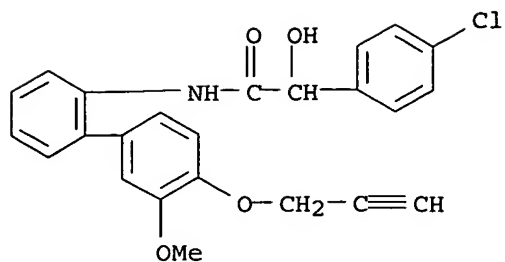
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CN Benzeneacetamide, α-hydroxy-N-[3'-methoxy-4'-(2-propynyloxy)[1,1'-biphenyl]-2-yl]-(9CI) (CA INDEX NAME)



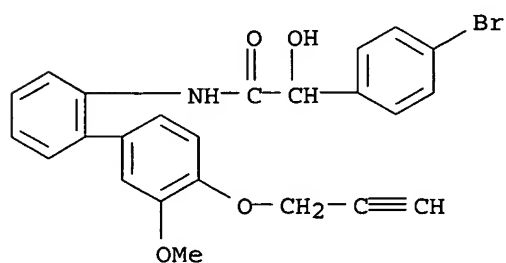
RN 655223-13-5 HCAPLUS

CN Benzeneacetamide, 4-chloro-α-hydroxy-N-[3'-methoxy-4'-(2-propynyloxy)[1,1'-biphenyl]-2-yl]-(9CI) (CA INDEX NAME)



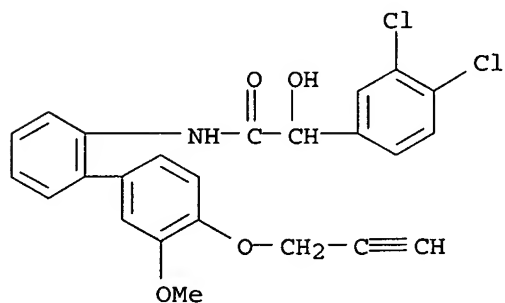
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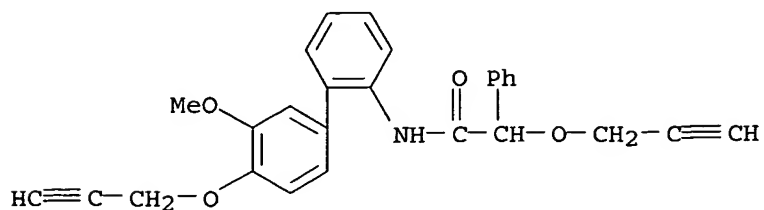
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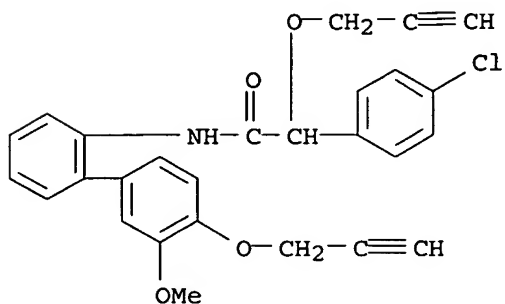


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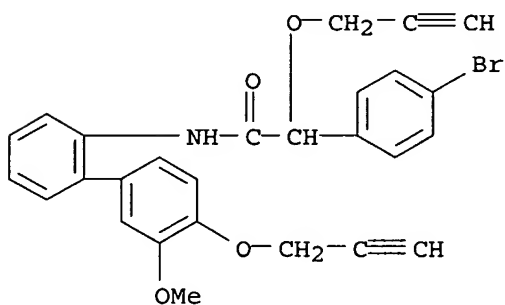
CN Benzeneacetamide, N-[3'-methoxy-4'-(2-propynyloxy) [1,1'-biphenyl]-2-yl]-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



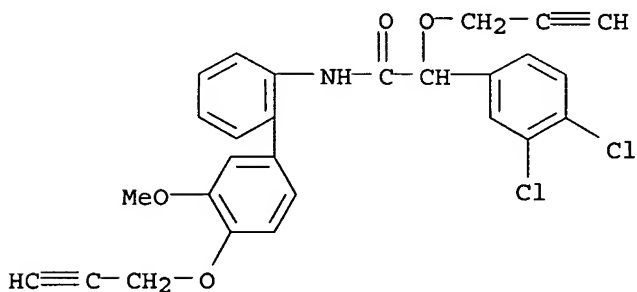
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RN 655223-18-0 HCAPLUS

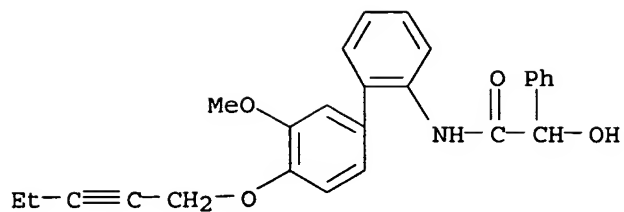
CN Benzeneacetamide, 4-bromo-N-[3'-methoxy-4'-(2-propynyloxy) [1,1'-biphenyl]-2-yl]- $\alpha$ -(2-propynyloxy) - (9CI) (CA INDEX NAME)

RN 655223-19-1 HCAPLUS

CN Benzeneacetamide, 3,4-dichloro-N-[3'-methoxy-4'-(2-propynyloxy) [1,1'-biphenyl]-2-yl]- $\alpha$ -(2-propynyloxy) - (9CI) (CA INDEX NAME)

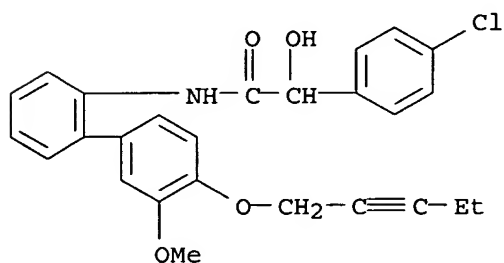
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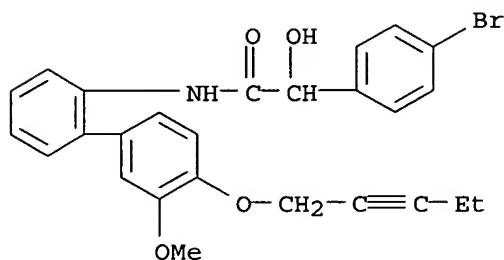
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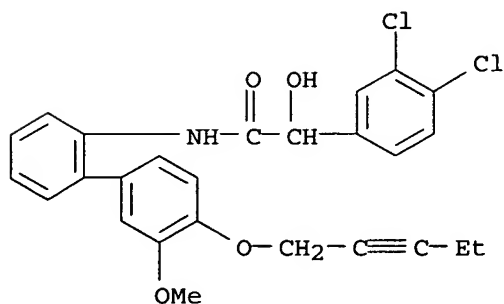
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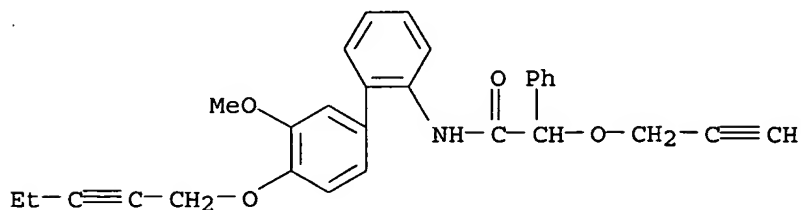


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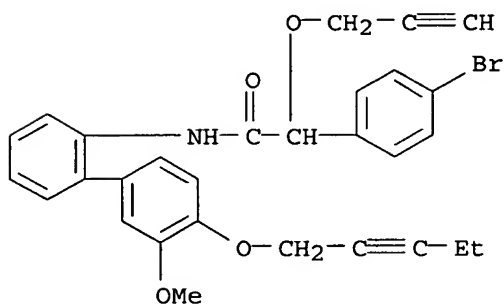
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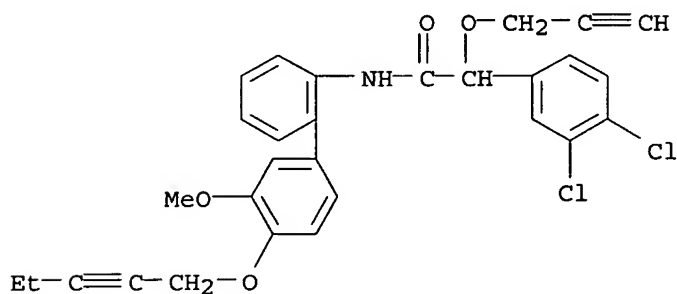
RN 655223-24-8 HCAPLUS

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RN 655223-25-9 HCAPLUS

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RN 655223-26-0 HCAPLUS

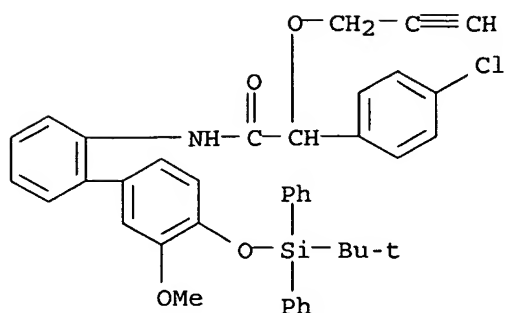
CN Benzeneacetamide, 3,4-dichloro-N-[3'-methoxy-4'-(2-pentynyloxy)[1,1'-biphenyl]-2-yl]- $\alpha$ -(2-propynyloxy)-(9CI) (CA INDEX NAME)

IT 655223-08-8P

(preparation of N-aryl- $\alpha$ -hydroxy(or alkoxy) phenylacetamides as fungicides)

RN 655223-08-8 HCAPLUS

CN Benzeneacetamide, 4-chloro-N-[4'-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]-3'-methoxy[1,1'-biphenyl]-2-yl]- $\alpha$ -(2-propynyloxy)-(9CI) (CA INDEX NAME)



IC ICM C07C235-38  
ICS C07C235-36; C07C215-74; C07C217-80; C07C215-64; C07C217-74

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Section cross-reference(s): 5

IT 602280-76-2P 602280-77-3P 602280-96-6P  
602281-04-9P 655222-80-3P 655222-81-4P  
655222-82-5P 655222-83-6P 655222-84-7P 655222-85-8P  
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(preparation of N-aryl- $\alpha$ -hydroxy(or alkoxy) phenylacetamides  
as fungicides)  
IT 431879-38-8P 482309-54-6P 482309-55-7P 482309-56-8P  
482309-57-9P 482309-58-0P 655223-08-8P  
(preparation of N-aryl- $\alpha$ -hydroxy(or alkoxy) phenylacetamides  
as fungicides)

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE  
FOR THIS RECORD. ALL CITATIONS AVAILABLE  
IN THE RE FORMAT

L16 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:757666 HCAPLUS

DOCUMENT NUMBER: 139:261052

TITLE: Preparation of N-biphenylacetamides as  
agrochemical fungicides

INVENTOR(S): Sakaguchi, Hiroshi

PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan

SOURCE: PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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USHA SHRESTHA EIC 1600 REM 1A64

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 WO 2003078382                      A1            20030925            WO 2003-JP2015

2003  
0225

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 CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI,  
 GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR,  
 KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
 MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG,  
 SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,  
 YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ,  
 DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,  
 PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
 GW, ML, MR, NE, SN, TD, TG

AU 2003211652                      A1            20030929            AU 2003-211652

2003  
0225

EP 1486483                      A1            20041215            EP 2003-707030

2003  
0225

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,  
 MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ,  
 EE, HU, SK

JP 2003335744                      A2            20031128            JP 2003-67817

2003  
0313

US 2005192359                      A1            20050901            US 2004-507586

2004  
0913

PRIORITY APPLN. INFO.:

JP 2002-71627

A

2002  
0315

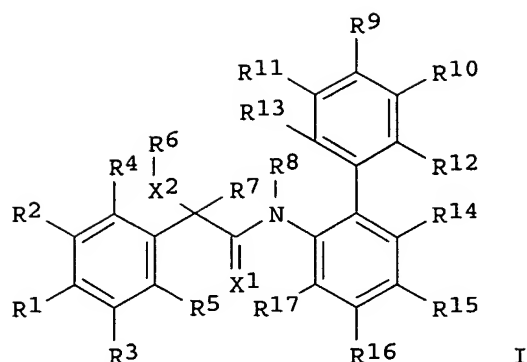
WO 2003-JP2015

W

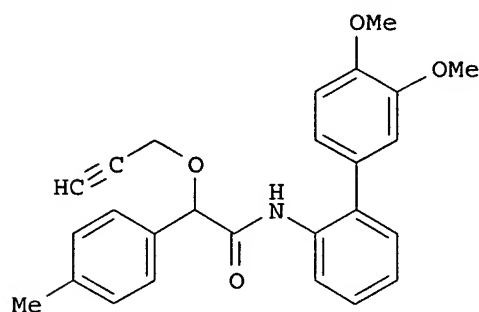
2003  
0225

OTHER SOURCE(S):  
GI

MARPAT 139:261052



I



II

AB The title N-biphenylacetamides with general formula of I [R1-R5 = independently H, halo, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)alkoxy, (halo)alkenyloxy, (halo)alkynyloxy, (halo)alkylthio, cycloalkyl(oxy), trialkylsilyl, or CN; R6 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)alkylcarbonyl, (halo)alkenylcarbonyl, or (halo)alkynylcarbonyl; R7 = H or alkyl; R8 = H or alkyl; R9 and R10 = independently halo, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cyanoalkyl, (halo)alkoxy, (halo)alkenyloxy, (halo)alkynyloxy, cyanoalkoxy, (halo)alkylthio, alkenylthio, alkynylthio, cycloalkyl(oxy), cycloalkylalkoxy, alkoxyalkyl, trialkylsilyl, or CN; R11-R13 = independently H, halo, or alkyl; R14-R17 = independently H, halo, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)alkoxy, (halo)alkenyloxy, (halo)alkynyloxy, (halo)alkylthio, cycloalkyl(oxy), trialkylsilyl, or CN; X1 = O or S; X2 = O or S] are prepared as agrochem. fungicides. Thus, N-(3',4'-dimethoxybiphenyl-2-yl)-2-hydroxy-2-(4-methylphenyl)acetamide (preparation given) was treated with MeSO<sub>2</sub>Cl in Et<sub>2</sub>O in the presence of Et<sub>3</sub>N, followed by the addition of 2-propyn-1-ol to give II. I showed antifungal activity of >90% at the concentration of 500 ppm in 4 days in tomato seedlings.

IT 602280-68-2P 602280-69-3P 602280-70-6P

602280-71-7P 602280-72-8P 602280-73-9P

602280-74-0P 602280-75-1P 602280-76-2P

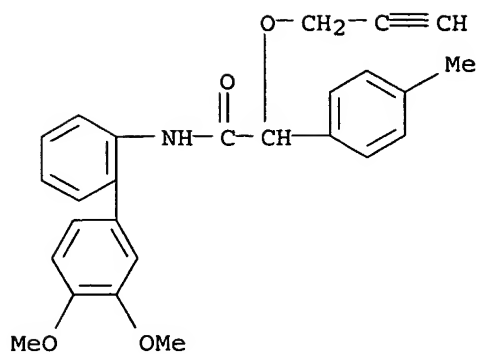
602280-77-3P 602280-79-5P 602280-84-2P

(fungicide; preparation of N-biphenylacetamides as agrochem. fungicides)

RN 602280-68-2 HCAPLUS

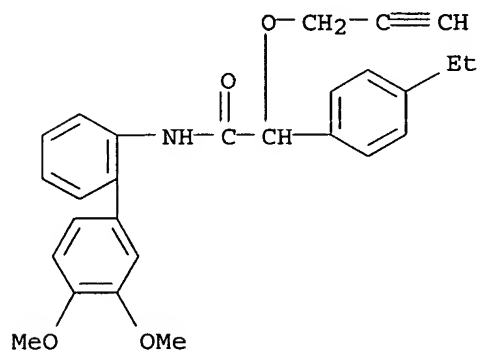
CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-4-methyl- $\alpha$ -(2-propynyloxy)- (9CI) (CA INDEX NAME)





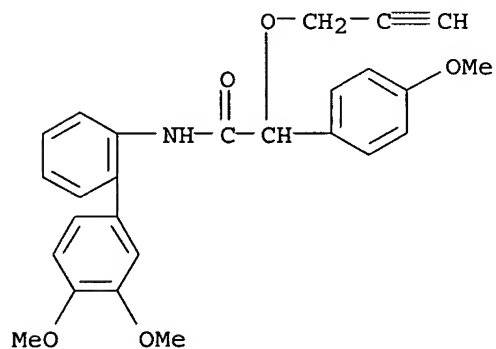
RN 602280-69-3 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-4-ethyl-  
α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



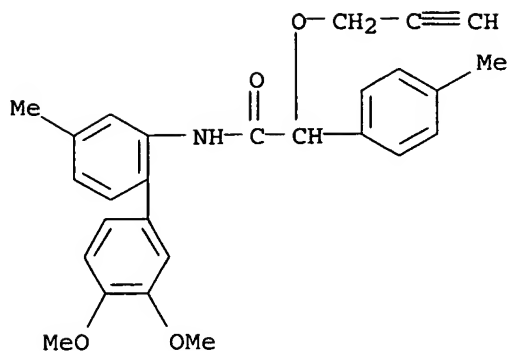
RN 602280-70-6 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-4-  
methoxy-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



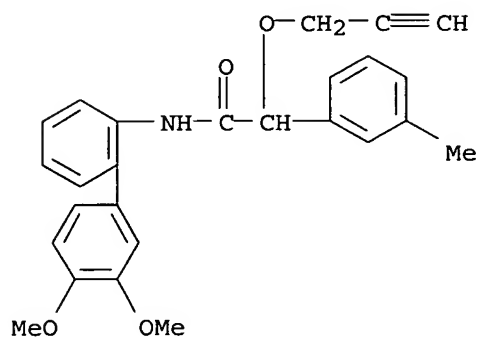
RN 602280-71-7 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy-4-methyl[1,1'-biphenyl]-2-yl)-  
4-methyl-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



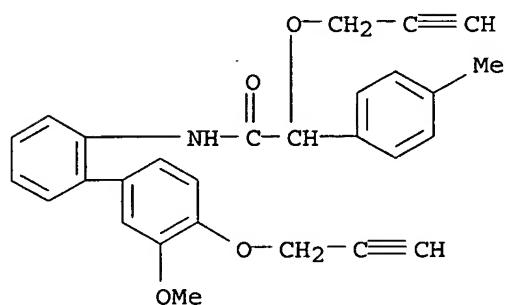
RN 602280-72-8 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-3-methyl-  
α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



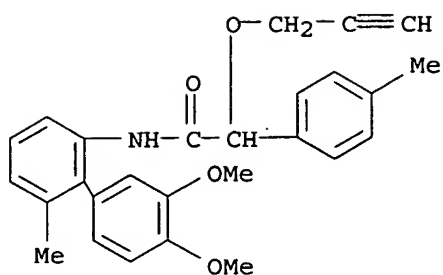
RN 602280-73-9 HCAPLUS

CN Benzeneacetamide, N-[3'-methoxy-4'-(2-propynyloxy)[1,1'-biphenyl]-  
2-yl]-4-methyl-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



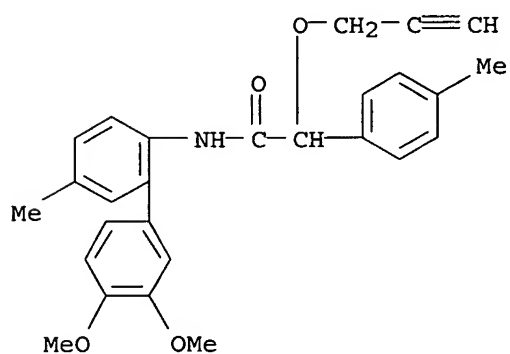
RN 602280-74-0 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy-6-methyl[1,1'-biphenyl]-2-yl)-  
4-methyl-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



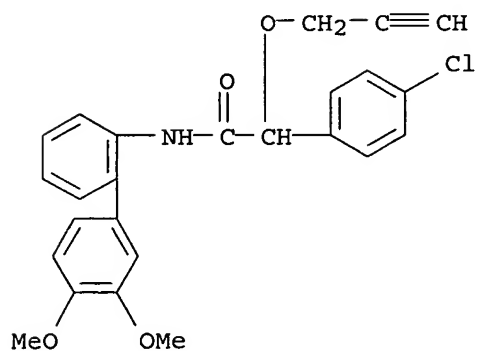
RN 602280-75-1 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy-5-methyl[1,1'-biphenyl]-2-yl)-4-methyl-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



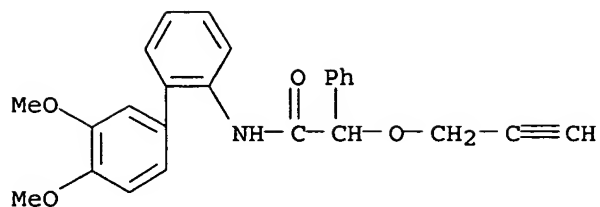
RN 602280-76-2 HCAPLUS

CN Benzeneacetamide, 4-chloro-N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



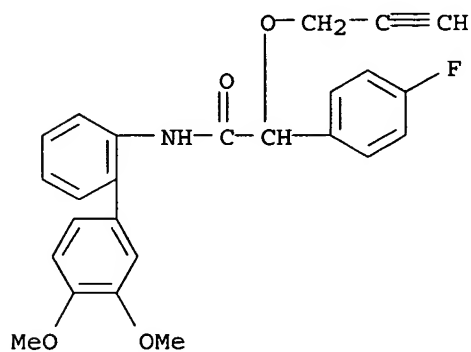
RN 602280-77-3 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



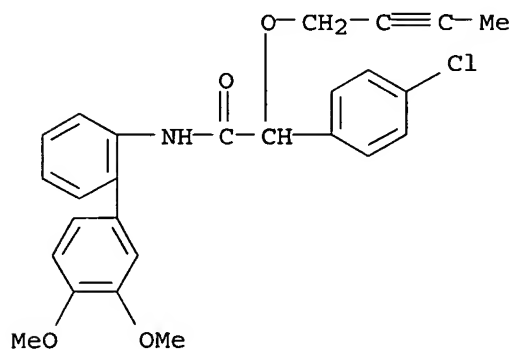
RN 602280-79-5 HCAPLUS

CN Benzeneacetamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-4-fluoro-  
α-(2-propynyloxy)- (9CI) (CA INDEX NAME)



RN 602280-84-2 HCAPLUS

CN Benzeneacetamide, α-(2-butynyloxy)-4-chloro-N-(3',4'-  
dimethoxy[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



IC ICM C07C235-38

ICS C07C255-13; C07C255-63; C07C323-37; C07C323-60; C07C323-62;  
C07C327-44

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid  
Compounds)

Section cross-reference(s): 5

IT 602280-68-2P 602280-69-3P 602280-70-6P

602280-71-7P 602280-72-8P 602280-73-9P

602280-74-0P 602280-75-1P 602280-76-2P

602280-77-3P 602280-78-4P 602280-79-5P

602280-80-8P 602280-81-9P 602280-82-0P 602280-84-2P

602280-86-4P 602280-87-5P 602280-88-6P 602280-89-7P

602281-06-1P

(fungicide; preparation of N-biphenylacetamides as agrochem.  
fungicides)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE  
FOR THIS RECORD. ALL CITATIONS AVAILABLE  
IN THE RE FORMAT

L16 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:900234 HCAPLUS

DOCUMENT NUMBER: 136:340462

TITLE: Synthesis and biological activity of novel  
thyroid hormone analogues: 5'-aryl substituted  
GC-1 derivatives

AUTHOR(S): Chiellini, Grazia; Nguyen, Ngoc-Ha; Apriletti,  
James W.; Baxter, John D.; Scanlan, Thomas S.

CORPORATE SOURCE: Departments of Pharmaceutical Chemistry and  
Cellular & Molecular Pharmacology, University  
of California, San Francisco, CA, 94143-0446,  
USA

SOURCE: Bioorganic & Medicinal Chemistry (2001),  
Volume Date 2002, 10(2), 333-346  
CODEN: BMECEP; ISSN: 0968-0896

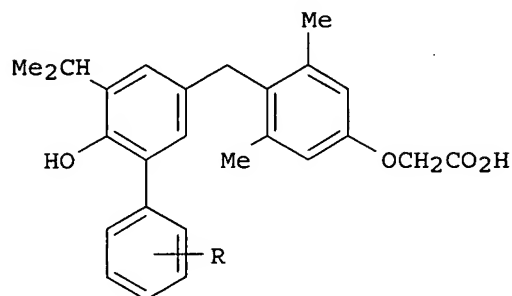
PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 136:340462

GI



I

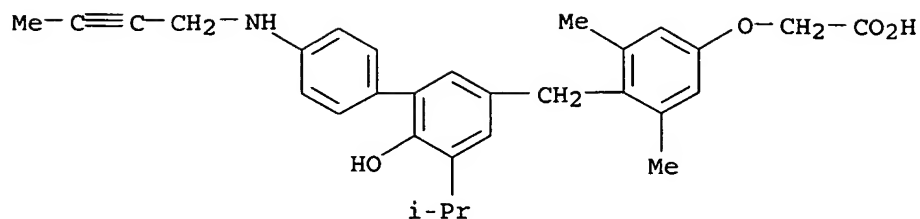
AB Biphenylmethylphenoxyacetic acids I [R = 4-NO<sub>2</sub>, 4-NHCH<sub>2</sub>CO<sub>2</sub>H,  
4-NHCONHPh, 4-NHCH<sub>2</sub>C.tplbond.CMe, 4-NH<sub>2</sub>, 3-NO<sub>2</sub>, 2-NO<sub>2</sub>, 4-CO<sub>2</sub>H,  
4-CONH<sub>2</sub>, 4-NHC(:NH)NH<sub>2</sub>] were prepared via arylation of the  
diphenylmethaneboronic acid. Substitution at the 5'-position  
decreased binding affinity, but retained TR $\beta$ -selectivity for  
most of the compds. Transactivation assays reveal that most of  
these compds. function as thyroid hormone agonists, but I [R =  
4-NO<sub>2</sub>] antagonizes the response to thyroid hormone.

IT 417872-45-8P

(preparation of biphenylmethylphenoxyacetic acids as thyroid hormone  
analogues)

RN 417872-45-8 HCAPLUS

CN Acetic acid, [4-[[[4'-(2-butynylamino)-6-hydroxy-5-(1-  
methylethyl)[1,1'-biphenyl]-3-yl]methyl]-3,5-dimethylphenoxy]-  
(9CI) (CA INDEX NAME)



CC 25-17 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Section cross-reference(s): 1

IT 417871-97-7P 417872-05-0P 417872-10-7P 417872-14-1P  
 417872-18-5P 417872-30-1P 417872-38-9P 417872-45-8P  
 417872-54-9P 417872-67-4P 447415-34-1P

(preparation of biphenylmethylphenoxyacetic acids as thyroid hormone analogs)

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE  
 FOR THIS RECORD. ALL CITATIONS AVAILABLE  
 IN THE RE FORMAT

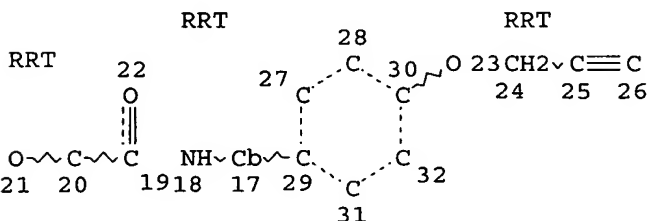
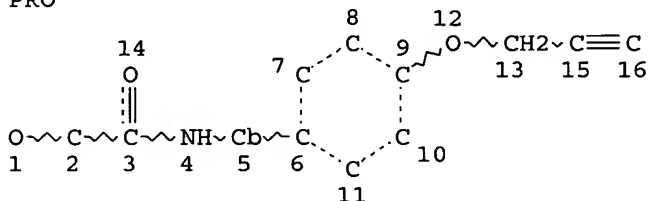
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GGCAT IS MCY UNS AT 17

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 32

STEREO ATTRIBUTES: NONE

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CS

SEARCH TIME: 00.00.01